Skin maps

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Skin maps

by

Elizabeth Giorgi

A thesis submitted to the graduate faculty
in partial fulfillment of the requirements for the degree of

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Major: Creative Writing and Environment

Program of Study Committee:
Debra Marquart, Major Professor
Ned Balbo
Sean Grass
Jill Pruett

Iowa State University

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I

PLATE TECTONICS
THE RAILYARD

Like stitches
   or
   a zipper’s
interlocking teeth

the tracks
   laid
   down
the seam
of the city

that it once
   held
together
AT THE MUTTER MUSEUM OF MEDICAL ABNORMALITIES

Beside the sewing cabinet,
its drawers stuffed full

of buttons, pins and needles
unstuck from the soft wet pin-
cushion of human throats;

beside the book bound
with human skin, the hanging
skeletons with giant
limbs, the brains sliced thin
through hundred-year-old memories,

hidden behind the label

*jetal abnormalities*

the row of dusty jars, formaldehyde
wombs cradling slumped, fish-eyed bodies
with skin a patchwork quilt,
unfinished.

In some it splits along the spine,
silk-thread nerves exposed
to amniotic wash; in others,

it’s missing the final downy patch
to cover the brain, the heart.

*Unvi able*, the sign

says. But people find ways to live
with all sorts of things. I once heard

of a woman who swallowed
knives whole. It was an act
of love: the knives a talisman she carried,
believing they kept
her mother safe, somehow.
Even when surgeons sliced open her stomach, removed that jagged-edged tumor she’d cultivated like a garden—she believed. She kept swallowing.

She would grow a dozen tumors for love.

Now I wonder—as I drag my feet along the floor, as I look away from never-opened eyes—what these mothers felt, when delivered of them.

Did the women love them anyway, whose bodies rejected their penetrating spines, their overflowing hearts?
In July I drive to visit Lindsay on the mountain. Blooming coneflowers and Queen Anne’s lace reverse to buds as my car climbs the switchback roads to the peak, tallest point on the East Coast. We pitch a tent in the small campground of the park where she works. It feels like the end of the world: no cell phones, no internet, no cable, no satellite service, the hills below us rippling out to the horizon like curved sheets of blue glass. The next day when we hike the old railbed that hugs the mountain’s curve, we can see the campsite, the barracks, above us. If we were still up there we would be specks, or less. Indiscernible, swallowed by sky.

I would be lonely here, I say. Lindsay says she likes the calm.

Every walk is a hike. She tells me that when she first moved here, her legs were blocks of pain. The mountain sculpts you, hardens the muscles of calf, torso, thigh. She still wakes at night with electricity radiating through her nerves.

Lindsay tells me how her roommate in the barracks has lived in these hills her whole life, the way her parents did, and her grandparents, and countless generations before them. In the spring she collects wild plants to sell. In the summer she works part-time at the park. In the winter she lives snow-buried, hunkered down in a house of mountain stone built by some ancestor, generations-dead. Less than 40 people live in her hometown, Lindsay says; she married one, a childhood playmate who works odd jobs, like her, construction, road crews.

Some nights the roommate’s husband calls the barracks landline. Lindsay tells me how she’s learned to lie if her roommate is out. She tells me about the times he’s twisted her roommate’s arms out of their sockets, cracked the bones, spread bruises along her face.

Why would you live like that, I ask.

She knows how it seems to outsiders, Lindsay says. She could leave. Not just him, but the mountain, all of it, scratch out a life elsewhere. She chooses not to.

I want to say that I don’t understand. But that would be a lie.

When I was a girl I lived in an old stone farmhouse on the side of a mountain. In summer, storms boiled up over the ridgeline. The morning after, the woods around
us would be littered with trunks, huge old trees cracked by wind or toppled, pulled loose from wet soil by their roots.

Beside our house my parents had planted a sapling, and with each storm I worried fiercely for it, watching out the window as the wind grabbed it by its slender limbs, pulled it low toward the ground. My mother tried to reassure me: That tree is young, she said. It still knows how to bend.

That night a cloud shrouds the mountain, blocking our view of surrounding hills, obscuring even the next site over. It’s too wet for a fire, too cold to stay up. Instead we go to bed.

I listen to Lindsay’s breathing, and think how nothing is ever as simple as we say it is. Leave, stay. I think how sometimes what we want is to be broken along familiar faults. Sometimes what we want is to be reminded that we can heal.
HIKING THE OLYMPIC COAST

We start at low tide, sea a salt-water table
resting a mile from shore. Tangled kelp
heaps in crevices of stone seabed, marker

of night’s high point, its dismantling the cathedral
of flies which cloud the interval between high and low
water. Interlopers, Tony and I

shoulder nylon packs, tide charts, boots
puckering the cushion of sand between
seabed and treeline. Pushed against the living,

a hem of trunks smoothed by water, bone-
bleached and massive-tusked, their ringed interiors
wordless timekeepers of rain, tides, seasons.

What are centuries here? The afterthoughts
of people long gone. We break for lunch
by fallen rocks inscribed with ship sails,

directional crosses. Disease, the guidebook
says. No language exists for them anymore,
these people who charted the course

of those who delivered their destruction.
I run my fingers along the crosses.
We need it—direction—even they

who never lived to meet the men
whose course they charted. I wonder: did
they recognize in wind-filled cloth

and fitted plank, the work of men?
Or did they believe it something else
that surfaced on the water? This place

a hundred years unmapped. After lunch
we set off again, balancing on trunks more stable
than sand. Offshore, the muffled din of birdsong
rises from an island, cliff-sided. *Sanctuary*, the map says, *forbidden passage*. The incoming tide makes mirrored sentinels of rock outcroppings, unbridges them from shore. Against their gray, brown specks of sea lions sunning in the impassable distance. We can hear them, faint over the gush of wave reclaiming stone, swallowing flies. They call to one another, back and forth across the water.
DIORAMA HALL

I.
Wolves stuck forever teeth-bared,
lions crouched behind dried grasses
that merge with painted backdrop. Glass
separates this from that—and that,
a nightmare, if not for glass. In the nowhere
of reflected space our own bodies
superimposed on theirs, wandering savannah,
snowdrift, time capsules populated with wax-museum
figures and our own shadow-box doubles,
wilting, sweat-damp backs sticky
in antiseptic air conditioning.
Four buffalo, short-grass prairie, the herd
painted in behind them ten-thousand deep
to an imagined horizon. The last wild buffalo
reads the plaque. Captured by a taxidermist
on some Western plain, transported,
resurrected, in this funhouse simulacrum.

II
And in the shadowbox of firing synapses I picture
the scene: how it must have been for the man who collected
them. Like Revelation, like the end of time had been reached
and the map had no fixed points anymore, just blurry outlines
of forms, watery shapes squinted at against a bright sun.
A bull, two cows, a calf. Somewhere behind him—a train
station, a matchstick town square—piles of pelts drying
in the sun, wet with blood and connective
tissue, a hill of skulls rotting eyeless, flocks
of crows, wordless tongues cut out for the novelty
of their heft. The bull snorts, forces air from huge lungs,
pulsing soft nostril membrane. He flicks an ear, fine hairs
catching wind. He turns his great head. The rifle report.
They fall. One two three four.
III

No connection left, just hide, 
sawdust stuffing, wooden frame. I reflect, 
like a double exposure, on the glass.

The bull’s glass eye reads the future 
like tea leaves. One day, it says, this leather 
will crack, this glass eye pop out, and the whole 
thing collapse in on itself: a heap of dust, 

a cloud that settles, finally.
CHILD SOLDIERS

The backdrop to voiceovers
in videos, documentaries—
an illustration of some esoteric

point about life, violence, the otherness
of suffering. A man says, They came

in the night. They told
our mothers we were going
to university. They took us

with them. The voice stops
but the boys go on

marching: lining up in rows, saluting,
army-green shirts hanging from bird-light shoulder blades, thin

straight frames. You are meant
to see them doe-eyed, camera-ready

victims, to read the contrast
between baby faces and machine-gun
accoutrement. But instead you think

how at home they look, already:
fierce eyes measuring camera,

the self-assured weight of assault
rifles on their backs. And you think
of the corner boys back in Philly:

the hoppers with their corn rows
and close-cropped curls, owning

their street corners, eyes measuring you
driving by in your candy-bright
hatchback, voices calling: the fuck
you looking at, bitch? You think
of their sneakers, their sagged

jeans and long, cotton-white shirts,
their snatching from the cloud
of film and TV and car speakers

some ragged portrait
of manhood. Their friends

laughing. The fierce uplift
of belonging. The cracked
and fractured cloud-spill of light.
NAMASTE

the woman
at the grocery store
who can't figure out
the self-checkout scanner, and
the clerk, who
can't be bothered
to look up
for five seconds
to help her while
she swipes the
carton of milk
across the glass
again and again, and
the man behind you
who keeps trying
to cut in line, and
the woman reading	
tabloids instead
of paying attention, and
the people blocking
the aisle like they’re
the only people
in the whole fucking store—
it’s hard to remember,
sometimes,
that we’re all these
perpetual motion machines,
fueled by the internal
combustion of yearning
mixed with doubt, hearts
half-full of un-homogenized
insecurities and hopes
waiting to curdle
or be churned—

    yes,
even me,
even you, always
caught these days between
ringing alarms
and elevator bells,
a moth beating
its wings between
panes of glass.
Transmission begins.

Night. Somewhere in Italy, homespun receivers catch radio frequencies, trace the orbit of sound across the black backdrop of sky.

Five…four…three…two…one…come in…

This is not a satellite: not one of those metal moths lodged in the concentric push-pull spin of motion and gravity, bouncing back the already-known with a two-second delay.

Listen…listen…come in…our transmission begins now…

This is an unknown: the Russian alto like a melody crackling out of old speakers, voice beading down invisible wavelengths like strings knotted between cups. 1963. Our atomic morning:

Forty-five…fifty…how should I transmit…

the cups in my grandmother’s kitchen are etched with golden atomic starbursts—symbols of a geometric future, stitched together with invisible string: waves, bonds, lines of attraction,

---

1 In the 1960s, two Italian amateur radio operators claimed to have discovered the radio frequency used by the Soviet space program to transmit communications between cosmonauts and ground control, and to have recorded transmissions of human voices and vital signs from supposedly unmanned flights. The dialogue above comes from one such transmission. The Soviet space program is known to have covered up failed missions resulting in cosmonaut deaths.
I feel hot…What?…Talk to me…

the push-pull orbit of electrons and protons,
locked together like planets and their stars.

Isn’t this dangerous? It’s all…yes…

1963. We know the power
of those bonds, severed: leveler of cities. In deserts
we repeat the tests, just to see
again and again what we are capable of:

Yes…breathing…breathing…oxygen…oxygen
columns, sand clouds’ sudden blooming;
this new age, clothed in synthetic
fibers, teasing apart the fuel of stars.

Yes…forty-one…how should I transmit?

In deserts too, deep white dishes
whir, following the frequency
of dust, debris—cosmic castoffs—
anticipating the sound of something
more.

Shift scene.

Thirty-two…thirty-two…Isn’t this dangerous? It’s all…yes…

On the wall-length cabinet
in my grandmother’s living room, Glenn
Miller perches on the edge of tomorrow,
leading his ghost orchestra
through needlepoint etchings:
vinyl spirals. Narrowing rotations.

forty-one…I feel hot…yes…I will re-enter…

Flip a switch: on the radio Paul is asking
a hundred thousand girls to
love, love me and they do—they do
believe love is all you need.

forty-one…I feel hot…I will re-enter…

They do believe in geometric
lives, in better living through
science, in Bakelite plastic promises.

Turn the radio dial

I feel hot…I can see a flame…

and on another frequency
the woman in her tin can dips
into earth's atmosphere, cutting
the surface tension, stirring
the swirl of atoms,

Am I going to crash?…What?…Talk to me…I feel hot…

pulling herself apart.

Transmission ended.

In her bedroom, my mother opens
four-year-old eyes. It's morning:
hear the birdsong, the flap
of laundry drying on the line.
II

SKIN MAPS
THE CLAY EATERS

Field song of the colored girls, Sleighton Reformatory Farm School, 1925

Our grandmothers ate
dirt cut from hillsides, sliced
thick in spring, fried
in hog fat, splashed
with vinegar. They worked

fields, dirt coating
tongues, bellies taut
as mules. Our tongues remember
tartness: mineral bite
of copper, iron, soft taste

of rain. Here, we ruddy
our arms in soil, spread
roots like fraying
rope, coax
milk into the pail. We coat

our tongues in stories, sing
half-remembered songs. We wait
for spring to warm
us, for roots to break
through stone.
CORNER OF KUTZTOWN AND BELLEVUE

Me and Megan Matusek, slumped low
in the front seat of a tan Nissan sedan
parked in a corner of the Ghetto Mart lot, hiding
from the Pakistani clerk behind the counter,
his bullet-proof glass pushed aside
for the after-school rush. We are seventeen:

masters of small acts of deception
and hot shit besides in our hip-hung
jeans and short shirts, dripping silver from arms, ears,
toes and tongue. We watch the progress
of a boy in Vans and low-slung jeans as he wanders
aisles glittering with keychains and candy wrappers, collecting
Slim Jims and chips on his way to the register, that slow
dance with the law. Through the car’s slitted windows
the last of our smoke slithers into bathwater air,
coiling blue and oily, our exhales saved
for the moment when the clerk grazes us
with his eyes, then slides the three hard packs
across the counter anyway
for the boy to collect, hand sweeping
laminate like a palmed steering wheel,
for his slow lope through glass doors and across asphalt
back to us. For small victories.

After, we will sidewind up the mountain’s
switchbacks, ride its ridge to the overlook
where the city flows out before us: its labyrinthine
streets and sandstone spires, more rock than glass,
its red-bricked rowhomes, its poured-cement
factories hunched along the river
with windows like long gray shattered eyes.

This boy tastes like possibility—they all do
to Megan, mouths full of smoke and saliva and sharp left turns
to fill up hollow afternoons. I will leave them
in the car, balance on the road’s crumbling WPA retainer,
sucking down Salems, playing chicken with the treeline
and tasting the hot convection of city and sky
while Megan burns holes in my backseat, turns bodies into maps and presses on until she finds the key.
On each end the mountain falls down to asphalt, city crunched between river and rock. Seventeen, and Megan and I already know: how to wriggle in sideways, how some things you can’t reach straight-on.
TORNADO SUMMER

The summer of ’98 pregnant with them—
a run of tornados blooming in the valleys
of our Appalachian county, ripping through screens
at the discount theater. Onscreen, Bill Paxton
and Helen Hunt sparred over divorce papers
and new lovers, dodging cones of air
churning Midwest sod. At home, Tony scanned
the radio, watched the Weather Channel,
waiting for the good stuff, those white caps scrolling
over blue. TORNADO SIGHTED. Touchdown.
Then he and I, we’d rush to catch them in live-action,
his green Ford pickup racing down Stoudt’s
Ferry Road, hemmed in by the Schuylkill
River’s brown liquid snake, watching triple tips spin
down from the gray mass of sky on the other
side. Up close, I’ve heard, they sound like trains.

Years later now, and miles removed, I ask myself,
What impulse pushed us toward that horizon,
what longing: for adventure, for destruction?
If we could have, we would have driven right
to them. On screen, Bill Paxton
and Helen Hunt handcuffed themselves
to drain pipes, both resisting and giving over
to the wind that lifted them like a river current,
that nonnegotiable surrender. They fell back
in love with a force that could devour
houses, tear up train tracks, destroy
anything in its path. They got their
happy ending. In the pickup, Tony and I
sat and watched, waiting to race our tornados
upriver, if they should turn.
In season 4 of the X-files, right after Scully learns she has cancer, she takes off for Baltimore, meets a guy, gets a tattoo in some seedy parlor—one of those things people do in movies, when suffering rushes in like a tidal wave, filling their horizons. An ourobouros, a serpent curled around itself, mouth eternally devouring tail. And then when Duane Barry abducts Scully—it’s something to do with aliens—her mother tells Mulder a story about Scully as a girl, when she killed a snake with a BB gun. How she held it, crying over what she’d done. And watching this, dozing and snow-headed on cold medicine, I think how I didn’t cry, that time I killed a snake when I was a girl. Its body a gray ribbon cleaved by my bike tires. I think how I only watched it, as it curled around its wound, the thin spurt of entrails pink and slippery on the asphalt, watched the way it twined its head to tail, flicked its tongue, as though it could taste its own pain, as though it could devour its own death.
BABYSAT

I was four, maybe five, when my Aunt Terry
told me about the demons—the ones she saw
crouching behind curtains, hanging

in the shadows of her bedroom. We sat
at her kitchen table, set with plastic grapes in a wooden bowl.
Everything a still-life in her home, the conservatory

beside the front door planted with silk-leaved
trees, the dogs jumping at shadows, hanging
tails, slinking behind doors. You had to look
closely to see what was real, what unreal. She was joking,
I thought at first, when she told me how they waited
at night to hear her sleep-breathing, how they
tucked into the corners of light and dark, dropped
from shadows to take form. She insisted. There,
there—why could I not see them?

They were so adept
at hiding. What didn’t I understand?
The fragile, dopamine-brokered truce

between sight and sense. How mutable life
could be, how unsteady its forms. She closed herself
in the bedroom and left me alone,
among the silk-leaved trees and live ones,
the plastic fruit and hardening
cheese, no way to force the world back

into perspective. Instead I sat at the upright piano
in the living room, all black-lacquered wood and gilt.
Feet dangling, I pumped pedals, layering notes

one on top of another, letting them stretch
the air, push out the ceiling, hold it up, cathedral-height.
A diaphragm spasm is the technical term for getting the wind knocked out of you after a sudden blow to the chest, such as at summer camp when Nick Tezak hits you full-force with a fallen tree limb to make his friends laugh, or when someone you love tells you I can’t do this, anymore.

At the molecular level, all life on earth is composed of chains of carbon combined with other elements. Scientists assume that if life exists on other planets, it is also likely to be carbon-based. In third grade after science class I told my friend Liz Kelley that we’d buried my cat in the garden two years before with a bean bag I’d made in school the day he died. After that, every time she came over she wanted to dig him up. She’d disinterred all of her goldfish over the years, she told me, to watch the process of decomposition, to study their bones. I told her that goldfish are different than cats. To which she replied I don’t see how. On a technical level, I suppose she was right.

If you’re ever stuck on a lifeboat in the ocean without fresh water, one solution is to use a tarp to filter sunlight, evaporating surface water and collecting the condensation to drink. I learned this from a young Ben Affleck in sixth-grade science. Every Thursday when the lights went off to watch the PBS show the Voyage of the Mimi, while Ben Affleck learned about whales and water distillation, the boy next to me spit in his hand and rubbed himself below the surface of our shared black lab desk. Which is how I learned about that, too.

Phase transition is the process of converting matter from a solid to a non-solid state through the application of heat. In middle school my cousin knew a kid who set an abandoned warehouse on fire. He said it was an accident: he’d flicked a lit cigarette into a pile of trash. After the warehouse burned down he had to find somewhere else to smoke. Years later when I sat in the Berkshire Mall parking lot and watched the mountain behind the city flare red along its one-mile length, arcs of water turning to steam over the flames, I wondered if he’d found a new place after all.
"THE DREAMLIFE OF ANGELS" (1998): SCENES

A portrait: Me at 16, too dumb to know that when a review says a film is French, that means it will be in French, means that the actors will slouch their way through round vowels and husky consonants, means I will have to lean back and forth in the back row to catch the meaning rippling past the silhouettes of heads in front of mine.

The back row at the Kutztown Grand: Seats scratchy, ’70s upholstery. Red. Stiff armrests, stiff backs. The fifteen miles to the theater takes thirty minutes to drive, country roads slicing corn fields, stubbling them with antique malls and grain silos, old barns. An abandoned cemetery rimmed in granite, tombstones streaked.

The words on the screen: Yellow. The palette: muted. Isa and Marie are roommates. They work together in a factory and smoke each others’ cigarettes. Isa visits a girl in hospital and reads to her. They complain about work and men.

The boy I’m with: Does he favor the ice-blond Marie, or Isa, the brunette, the pixie-cut waif? When Marie takes a lover, he puts a hand on my knee. The affair unfolds with typical French frankness, with insouciance, with fait accompli and c’est la vie. What does he think, when Marie’s lover then leaves her? When Marie, despondent, drops to her death from the apartment window? Her slim crescent back curving through the frame and falling from sight. When Isa gasps. When I jump in my seat.

The street outside: Me, apologizing for the French, for the long drive that made us late, for the shabby theater and the back row with its lack of leg room.

What I don’t know how to apologize for: The awkward revelations—that love can end badly, that a person can vanish just like that. I want to say, this is new to me too. How life delivers its surprises—French and awkward revelations, love and sex and death. How they feel like sucker punches, how they take your breath away. I want to say: I’m sorry for the long drive home, for the long moments of silence that will fill it.
III

EXPERIMENTAL METHODS
MANGOS

He taught me to salt mangos like his mother did to choose fruit heavy

with juice fingers palpating rainbowed skin to slice flesh

along unseen faults to feel edible from inedible in splintering knife-point

incisions narrowing to woody core He taught me the taste of blood-sweat

mineral mingling with sweet juice running to the V of finger webs to strip

thick tortoiseshell skin dull echo of dawn flesh He taught me what’s left

tamed mounds split into slices juice darkening bamboo cutting board

the pile of orange flesh divided so much abundance whittled down to this
WORRIES

I worry about the hostas in the garden
pushing their fierce, dragon-horned shoots—
    meant to uncurl to leaf
    in May’s long warm exhale—
through the warmed soil of a false spring

I worry about the furnace, the oil-primed hiccup
before the pilot ignites,
about the lease, bank ledgers, my sister’s
college fund, my mother’s slow
eyesight, my brother’s tarred lungs,
those sad-eyed children in junk mailers
from Christmas charities, peak oil

Italian nonnas teach their daughters to fold up their worries—to write
out names on slips of paper, torn curling-edged from notebooks, to line
them up in neat rows of delicate blue:

  one for the boy who teased you
  two for the girls who laughed

and stow them, origami-caged, in the ice box.

I worry about private mortgage insurance, about lopped-off mountaintops in West Virginia, about the last mountain gorillas, about my sister dodging eyeballs by high school lockers,
the daily influx of mail, the jury
summons I’ve forgotten, my husband’s heart, the empty swing of the for sale sign in the yard,
the tenderness of helpless things,
early frost

When I was nine my Oaxacan madrina
gave me a set of worry dolls to place beneath my pillow,
thread-twined, fingernail-sized, tiny stitched mouths open to drink childhood worries by night.
Yesterday I found them while packing for the move, nestled in their straw box in the spare bedroom beside my grandmother’s perfume, rosary beads from Rome—their stitched eyes dots of black in dust-browned faces, their mouths ajar, arms still stuck spread open, waiting.
POPULATION VIABILITY ANALYSIS

The viability of a population is defined as the probability that it will not go extinct during a fixed time span given the current population size. Population viability analysis (PVA) is the methodology of estimating the probability that a population of a specified size will persist for a specified length of time. A stochastic PVA, incorporating variance, can be expressed by the following formula, where \( R = b - d \) (births minus deaths).

\[
N_{t+1} = N_t (R + 1)
\]

--- Gary C. White, Colorado State University

Two populations divided by a geographic feature may be at risk for extinction even when they exist at sufficient breeding numbers. Let's say, for instance, the island fox of Catalina: divided by an isthmus, each he snuffling for a she, his persistence mapped in the probability of \( N \) traversing the bottleneck of \( R \), the stochastic variance of chance encounters. Or the prairie grouse, each clutch of newborn chicks islanded in a sea of wheat fields and asphalt corridors;

or, if you prefer instead, the Fender's Blue butterfly, each single arthropod flitting from one lone stalk of sulphur lupine to another. Map their chances in substitutionary arrangements, stuttering black digits across the white field of pages. But I find it hard to care, sometimes, about butterflies, or foxes—

if \( N \) is my attention divided by the correlation of knowledge and abstraction, then let \( X \) be my guilt over \( Y \), my failure to worry enough about butterflies, despite the probability that their crescent-moon-wings will fade to \( R \) approaching zero. Because what I really worry about...
is us, in our glass-walled buildings,
sealed off in our cells of light.
And what I really want to say is something
about he & I

divided by the wide shelf of continent, the gulf
of daily life, all those piled-up minutes, but—

is that too easy? I can’t force
this metaphor
to equate.
MILK

The thick white clots of cream dissolve the way a city would:
mushrooming up,
a cloud billowing white
through brown.

But milk is nothing
like a city. And words,
they’re nothing like a bomb:
the way

they repeat, repeat,
until all meaning
falls away. So where does that
leave us? Let’s try

again. When cream goes it leaves
traces of itself behind:
olive-hued globes
of fat floating
over the surface. That

tender alchemy: how
one form can give way
to another
and another can rise.
EXPERIMENT

at the conference today I saw a book of nothing
but the letter t
a proliferation of ts

this is an experiment in addition
what we want is erasure to disappear into the duplicate proliferation of faces in crowds but also to rise above all that we want to inhabit our words add noise upon noise color upon color but addition is its own kind of deletion
So then this becomes an experiment in deletion there are questions how do you make things stand out bold italics //
language is a grid well not language but this text in English space that turns letters into containers for ideas
Japanese has no gaps between words. That's why Japanese can be expressed both vertically and horizontally without anything spilling.
How do we decide which direction is the best one to take?
some words hold different ideas
The way the oc requires the occ of a preceding action settled like a yolk inside it.
this is an experiment in duplication
yesterday 100 people disappeared in a shower of shrapnel in the atrium said the tv news ticker in the atrium
and then today a toddler squealed because the grass had turned green again and she had never seen that happen before.
MORNING GLORY

It’s my fault—I planted the vines,
scored the seeds,
erected the trellis,
directed each twining tendril
through each diamond gap. I watered
the vines through summer,
encouraged each scrolled leaf-bud to spring
into open-hearted form. I watched
vines split into trident bud,
waited for the revelation,
the dawn hour when they untwisted
reluctant horns, opened
floral trumpets to proclaim
morning’s arrival. And now, I’ve reaped

the rewards: shower of sickle
seeds over pavement, horned feet
digging into moist soil,
green hoofs erupting
between hollyhock, vining
apple tree, swallowing phlox, choking
iris, their blue-pink chorus
resounding judgment
from every corner.
Always the hardest lesson for me to learn:
that some things don’t deserve that much love.
15.4.2 Primate dispersal patterns

Primate social structures are highly influenced by resource availability. When resources are scarce, females will invest preferentially in offspring of the sex that disperses from its natal group, conserving resources for those who remain within the primary social group.

But I was never scarce with him—and in the end, wasn’t that the problem?

People grow accustomed to a certain level of investment, a certain routine:

loaded dishwashers, cooked meals, who-will-pick-up-the-coffee

when we run out, and who-will-pick-up-the-phone when

the plumber needs calling, the mortgage needs sorting. We only have

so much to give.

Conversely, when resources are plentiful, high-ranking females will invest in offspring of the sex with the highest chance of reproductive success, regardless of dispersal patterns. In this way, resource availability dictates the makeup and distribution of social groups within a given range.

Before the separation, before the division of his and mine and ours

(and isn’t that such an easy way to phrase it, as though television, sofa, kitchen table

were not also a portal to a thousand weighted memories, each separate
Some primate species, such as chimpanzees and perhaps early hominids (the precursors to modern humans), form a large social network comprised of individuals who split off into smaller groups throughout the year, reforming with the larger group only in select seasons, based on resource availability.

I used to have the same dream over and over again. In a house that wasn’t mine, I walked the halls, the bedrooms, touching things—a soft-bristled hairbrush, an embroidered towel, a bar of perfumed soap—as though looking for something particular in the odd assortments of another person’s life.

This loose association of individuals is called a fission-fusion system. In populations which operate across a wide geographic range, it can be difficult for researchers to determine which individuals make up the larger social group.

After, I woke to his same body next to mine, his same feet tangling the sheets, letting in pockets of cool air to mediate the warmth of his skin seeping into the cotton, spreading to my own. Always the uneasy alliance—hot and cold, waking and sleeping, the pressure of the body, and the weightlessness of its absence.
IV
WEATHER SYSTEMS
PRAIRIE

I admit, I find the prairie ugly: that wide
drop-cloth draped

in ragged bunches, seedheads popping from autumn-
dry grass, frayed

from a summer of bees, birds, wind, all those needing
fingers, that

hard-using. Seedpods split, spool white threads to wind, which
doesn’t care

whether it lifts or tramples the offering. And
what of it,

if people
can be that way too, sometimes? We needn’t embrace

indifference.
You see, I have a lot to say on the subject.

My mother
would agree. You’ll drive yourself crazy, she says, voice

belaying
over miles, cell phone towers, pinging across

prairie. Things
are the way they are, she says. You need to learn to

let things go.
REGISTERED PAINT HORSES FOR SALE

reads the sign on Route 17
where its asphalt overlays gravel
twelve miles south of town

red stencils across
a yellow background

nothing else around

not horses, not

buildings or people,
just snapped-off corn stalks,
chaff stippling black dirt, a cloud
of dust hanging

in the wake of an
already-passed vehicle

this place suffers from an excess

of space, sky floating miles
off the ground,
bending to the convex horizon
with nothing

to hem it in, keep
it from spilling like water
from the lip

of a glass
in the distance

silent turbines
beat heavy blades

here, only road divides
east from west
I
Understand that I am always searching
for some impossible place
where contentment is a quality
like iron, or oxygen: absorbed

through the lungs, pulled up
from soil, thoughtlessly.
And so when we arrived at SeaTac
I felt, again, the hope of it:

the rental car with the tree
growing through the center
of its plates, and the promise
of rest, free

II
from the ceaseless humming
of everything. The wavelets
tended beach in the sound,
opening and closing trapdoors.

Nothing enters or exits, only
endless movement and murmurs, like
a secret breathing beneath small
talk. A friend tells me how the worst

part of depression is knowing
that it will always come
and go, each upswell tempered
by the knowledge of its undertow.

III
A week later I will be puzzling
out the message in a mineral-leach
on a sacred cliff. We will enter our campground,
pitch our tent, and I will want to be alone.
I will recognize this means I no longer love him, and I will sit in that knowledge, unable to do anything but surge and recede, silently.

IV
My friend tells me that when she stood on the bridge where she intended to die, she felt the wind and the weight of absence ahead of her: the action of the water, the way ripples would form and close over her head, hiding her moment of decision forever. The outline of all things becomes clear in hindsight. How an egg is perfectly whole, until it breaks.
This way, says the woman in scrubs with palm trees printed on them. She points: a cluster of chairs, a magazine stand and potted plant, leaves browning at the tips. In those wide photos of the world at night, this city glows like balled lightning, flashing down roads stretched tight across the plains. In those photos your eye always travels first to the light, hot white webs strung across the familiar outlines of land meeting ocean, before it turns to the flat blue center of continents, where nothing is lit but wrinkled mountains catching the faint blue wash of revolving starlight. My friend has been swallowed already by the hallway, disappeared down its thin-carpeted run. Somewhere past rows of double doors that swing open for authorized personnel only she lies stretched on a metal bed, waiting for the waves that will map her secret interiors:

veins unfurling like rivers of light, bones cored with clustered galaxies. We can’t abide the darkness; even our bodies rebel, discover light where there is none, ingest illusion over fact. Behind glass at the natural history museum, she and I thronged with the crowd to see the pale glowing outlines
of jellyfish emerge from formless darkness, drifting through a sea of reflections. Glowworms dripped from the ceiling like strands of blue pearls; aqua-green mushrooms unfurled luminescent caps. All these sightless creatures gifted light, as though it were a blessing achieved through the purging of desire for it. Later, alone, I

walked down a hallway that fell into darkness like a lead-lined cave, walked with all my animal fears held tightly to my chest, hand trusting the wall as it disappeared from sight, until that too ran out, and I stepped into a canyon of nothing. Unmoving, I tried

to feel its volume on my skin, discover senses that could measure the heft of absence, strained my eyes until shapes emerged from the dark: shifting pulsars, faint lights beating white and red against my pupils. An illusion:

before I turned back I gave in, lit the space with a square of neon light, and learned the shape of nothing: a plain white wall curving ahead. Infinite blankness. This room now

where I wait is muted, voices hung at half-volume, phones ringing lightly, soft-soled shoes scuffing rapid steps across the carpet. Behind the walls my friend waits on her white bed, for illumination.
ROCKY MOUNTAIN NATIONAL PARK
May, 2015

In proportion to the landscape we are nothing; but we all live

in proportion
to our space. Next to a mountain I am beyond

inconsequential. Captured in the glass
of a camera lens

he & I boil down
to a collection of shadows. Victorian spirit

photographers charged ten dollars
per photo of ghost

hovering behind living
person. People pay for hope, a trick of light,
of film exposure. This is the moment
I keep returning to:

he & I & a two-foot-wide gap
of open landscape, the epic heft of the Colorado

plateau between us. How happy he looks
in that photo

as though
he could reach through that space, take

my hand, those fragments of bone and light.
3-D MODELING

After the storm that destroyed my house,
I watched videos online. The weather center
at some Midwestern university, posting
three-dimensional recreations
of sudden weather events: tiny railroad houses
engulfed by machine-fog, like the drift
of dry ice mist at childhood Halloween
parties. I watched the gathering swirl
of wind, the sudden downdraft,
like an atomic cloud in reverse, reverent
with new understanding. No wonder.

Except: in the models, no burst windows,
no missing tiles from the tiny roofs,
no insurance claims, no downed trees
or house fires, no plywood sheets
papering the tiny windows. Only:
the swirl, the sudden burst. And then
the mist vacuum-sucked to wherever
it came from, and the house emerging

again: still picket-fenced, still
model-train precise. After the divorce
I thought about that house, that storm:
How hard I fought to break free,
like flower petals pushing through sepals,
like a chick inventing its own birth.
And then how clean everything looked
in hindsight, how intact. Like I
could walk back in that tiny door,
like I still held its model key.
BUSH BABY, YOU

Bush baby, you have ET hands
and a stuffed-animal face: frog-palmed,
fingers flared soft and thick
as jelly shoes. Drew Barrymore,
still young and pig-tailed then, would have

loved you; she’d keep you in her
closet, feed you a diet
of Reese’s pieces and apple slices.
I would have loved you too, when I
was young: a stuffed animal

from a zoo gift shop, or our hotel
in Orlando the summer we visited
Busch Gardens. Picture it: you,
somewhere in the canopy below
us, the false savannah beneath

the monorail, or the conservatory
in the hotel lobby—beside the toucan.
Us: in our room, feeding wandering
ducklings bread crumbs from our hands.
Bush baby, my grandmother too

had an ET face: square, big-eyed, the resemblance so
uncanny both my cousin and I
dreamed she was an alien
that night we watched the movie.

She had five daughters, and we were
their feral offspring, gleaning
from the clear-cut tract of our
suburban habitat a diet
of television shows and movies,

heads stuffed full of Nintendo
dreams and Halloween visions, sugar-spun and technicolored. Spielberg
loved the suburbs, those rows of Pez
dispenser homes. Bush baby, you live
in forest fragments, clinging to trees
with gummy-worm fingers, sleeping
through daytime talk shows. The night
she died—my grandmother—was the night
after Michael Jackson. We sat
in folding chairs on her front lawn,
eating pizza and drinking
Pepsi, watching him Moonwalk across
cell phone screens, trading *tee-hees*
to the backbeat of her
respirated breathing.
Everyone forgets he did
the soundtrack to *ET*, someone said,
and someone else said, *Everything
is splintering now*. And they meant Michael
Jackson, meant the Quincy Jones-
produced togetherness
of sixty-five million people all
with the same song thrumming
on repeat through their brains, but
it seemed truer than that, somehow.
How loss is a kind
of fragmentation, how things
always pull apart. Bush baby,
you cling to falling trees. In ten
years you’ll no longer be a wild
thing. Maybe then we can quantify
your value: the price
of a zoo admission, twenty-dollar
parking. The world is a riot
of marvels, and we use it
like a carnival ride.
But, bush baby, you already know that, don’t you? Let me tell you something: When I was a girl

I paid ten dollars every year to save the rainforest. But it meant nothing, then or now—or maybe it did. I can’t test the hypothesis of childhood belief against the slippage of time. My grandmother died with all of us around her bed—aunts, cousins, nieces, nephews, crowding her first-floor bedroom. I held her hand. She couldn’t speak,

but someone saw that she was crying.
FOSSIL HUNTING

Sun splits the sky, the kind of day
where it squats on the horizon and hovers,
pouring light and heat sideways through blinds,

car windows: ours. They are widening
the highway here, swan-necked excavator
dormant beside construction slag in the rutted

lot of some diner no one eats at anymore,
I'll bet. Sun-flash off the trunk, tools clutched
in Tony's hands. Hammer, Phillips-

head screwdriver. This is not an official
operation. I lag, flag, while veins cord beneath
his sun-brushed skin. They twine, branch over lean

muscle beneath the sheen of sweat, screwdriver
pickaxing piles of stone. We used
to dynamite our way through, I say, a hundred

years ago, but now it's all steel teeth and grinding
where rock doesn't match blueprint—
progress. I see, he says. Say what

does the blind man say, when he picks
up his hammer and saw? Nothing. An old
joke. Nevermind. Exhaust thickens the air. What

are we looking for here, anyway? And how
will we know when we have found it?
I am sun-scoured. I need water. Tony is tired

of complaints. He lopes off, long body silhouetted
against sky, summiting boulder pile,
disappearing down the other

side.
This is eternity, at my feet:
the crumbling record of abundance, sun-
warmed, the long calcification of time

and life into stone. It seems impossible,
that these stones have held together so long—so long,
a hundred million years—and now, dislodged,

they crack along a dozen seams. I don’t need tools, just
my hands to pry them open, footlong sections flecked
with shellprints: fanned, scalloped depressions,

nautilus swirls, rock ridged like tree bark and veined
blue-gray, red, gold. Tony picks his way back down
the cliffside, feet sliding through pebbles. Say what
does the blind man say, when he knows
that he is wrong? I’m sorry. It doesn’t matter,
anyway. Tomorrow will rise after
today, and another tomorrow after
that. In this today we pull stone apart together,
again, again, hands reddening, fingernails

chipping, until we have uncovered hundreds
of fossils—too many. Our bag overflows.
We can have our pick, take what we want

and leave the rest, uncovered.